

CLAIMS:

1. An electrode arrangement for generating shock waves by electrical discharging between electrode tips, characterized in that at least one of the electrode tips (12, 13) can be replaceable arranged in an associated electrode holder (14, 15), the electrode tip and the electrode holder being provided with corresponding fitting contours so as to achieve mutual locking.

2. An electrode arrangement as claimed in claim 1, characterized in that the fitting contour is formed by at least one, essentially radially extending projection (121, 131) on the electrode tip as well as by a corresponding recess in the electrode holder (14, 15), the electrode tip (12, 13) with the projection being pressed thereagainst by way of a tensioning device (16, 17).

3. An electrode arrangement as claimed in claim 2, characterized in that the tensioning device is formed by a pressure screw (16, 17) that can be screwed against the electrode tip (12, 13) in the electrode holder (14, 15) and at the same time establishes an electrical connection between the electrode tip and the electrode holder.

4. An electrode arrangement as claimed in claim 1, characterized in that the fitting contour is formed by corresponding threads on the electrode holder (14) and on the electrode tip (12, 13).

5. An electrode arrangement as claimed in claim 1, characterized in that the fitting contour is formed by a bayonet catch between the electrode holder (14, 15) and the electrode tip (12, 13).

6. A shock wave electrode (ESWL electrode) provided with an electrode arrangement as claimed in ^{Claim 1} one of the preceding claims.

7. An electrode tip to be replaceable arranged in an electrode arrangement as
claimed in ~~one of the claims 1 to 5.~~ *claim 1.*

8. A shock wave source provided with an electrode arrangement as claimed in
claim 1.

9. A lithotripter provided with a shock wave source as claimed in claim 8.

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